

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L1 | 18 | ("3866642" "4132519" "4227959" "4426244" "4518551" "4567797" "4596171" "4654969" "4670210" "4733997" "4922774" "5015223").PN. OR ("5318420").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:09 |
| L2 | 16 | ("2384435" "3614484" "3730634" "4201101" "4373412").PN. OR ("4596171").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:09 |
| L3 | 35 | ("2109889" "2378033" "2538972" "2683489" "3470782" "3496817" "3726165" "3772949" "3776072" "3872786" "3893881").PN. OR ("4373412").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:09 |
| L4 | 67 | L1 L2 L3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:12 |
| L5 | 0 | L4 and (graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:10 |
| L6 | 27 | L4 and (plastic) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:10 |
| L7 | 0 | L4 and (fuel) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:10 |
| L8 | 1 | ("20050104243") | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:12 |
| L9 | 1 | L8 and ceramic | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:21 |
| L10 | 3 | (ultrasonic near4 cut\$4 near4 graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:23 |
| L11 | 0 | (ultrasonic near4 (groov\$3 channel\$3) near4 graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:23 |
| L12 | 1 | (ultrasonic near7 (groov\$3 channel\$3) near7 graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:23 |
| L13 | 7 | (ultrasonic near7 cut\$4 near7 graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:23 |

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| S1 | 1 | (10/714445) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/31 08:09 |
| S2 | 0 | (DE3600902) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2006/03/30 10:22 |
| S3 | 4 | ("3600902") | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2006/03/30 10:56 |
| S4 | 123 | (TELESIS).as. | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2006/03/30 10:57 |
| S5 | 17 | S4 and (oscillat\$4 vibration vibratory swing) | US-PGPUB; USPAT; USOCR; EPO | OR | ON | 2006/03/30 12:18 |
| S6 | 12047 | (oscillat\$3 vibration vibratory) and (graphite) and (groov\$3 emboss\$5 channel\$3 puncture\$2 cut\$4 indent indentations perforat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:20 |
| S7 | 795 | (oscillat\$3 vibration vibratory) same (graphite) same (groov\$3 emboss\$5 channel\$3 puncture\$2 cut\$4 indent indentations perforat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:21 |
| S8 | 7 | (oscillat\$3 vibration vibratory) near7 (graphite) near7 (groov\$3 emboss\$5 channel\$3 puncture\$2 cut\$4 indent indentations perforat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:23 |
| S9 | 10 | (oscillat\$3 vibration vibratory ultraso\$5) near7 (graphite) near7 (groov\$3 emboss\$5 channel\$3 puncture\$2 cut\$4 indent indentations perforat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:24 |
| S10 | 3 | S9 not S8 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:24 |
| S11 | 48956 | (oscillat\$3 vibration vibratory ultraso\$5) near7 (groov\$3 emboss\$5 channel\$3 puncture\$2 cut\$4 indent indentations perforat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:27 |
| S12 | 860 | ((264/69,70)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/30 13:21 |

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| S13 | 37 | S12 and graphite | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:33 |
| S14 | 6 | ("3404061" "6528199" "6413671" "6410128" "4895713").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:33 |
| S15 | 14 | ("3404061" "4649091" "4895713" "4988583" "5300370" "5521018" "5885728" "5902762" "5976726" "6037074" "6210652" "6242124").PN. OR ("6528199").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:34 |
| S16 | 7 | ("3506561" "5262021" "5723228" "5874182" "6413671" "6528199").PN. OR ("6924058"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:36 |
| S17 | 37 | ("3755000" "4459342" "4743518" "4769297" "4824741" "4855193" "4988583" "5108849" "5176966" "5230966" "5252410" "5284718").PN. OR ("5521018").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:38 |
| S18 | 87 | ("4197178" "4210512" "4214969" "4324844" "4339322" "4571288" "4572876" "4608144" "4631239" "4684582" "4686159" "4696870" "4824740").PN. OR ("4988583"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:38 |
| S19 | 84 | ("4988583" "5108849" "5230966").PN. OR ("5300370"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:38 |
| S20 | 33 | ("4874484").PN. OR ("5262021"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:40 |
| S21 | 187 | S14 S15 S16 S17 S18 S19 S20 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:40 |
| S22 | 7 | S21 and (oscillat\$4 vibration vibratory vibrate swing (to near2 fro)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:46 |
| S23 | 13 | S21 and (oscillat\$4 vibration vibratory vibrate swing swivel sway pendul\$4 fluctuat\$3 flicker\$3 vacillat\$4 undulat\$4 pulsat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:50 |
| S24 | 464 | S12 and (oscillat\$4 vibration vibratory vibrate swing swivel sway pendul\$4 fluctuat\$3 flicker\$3 vacillat\$4 undulat\$4 pulsat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 12:50 |

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| S25 | 27 | S12 and (oscillat\$4 vibration vibratory vibrate swing swivel sway pendul\$4 fluctuat\$3 flicker\$3 vacillat\$4 undulat\$4 pulsat\$4) and (graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:08 |
| S26 | 28 | S12 and (oscillat\$4 vibration vibratory vibrate swing swivel sway pendul\$4 fluctuat\$3 flicker\$3 vacillat\$4 undulat\$4 pulsat\$4 reciproc\$4 punch\$4) and (graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:09 |
| S27 | 1 | S26 not S25 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:10 |
| S28 | 27178 | (fuel adj cell) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:10 |
| S29 | 1656 | (fuel adj cell) and (bipolar adj plate) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:10 |
| S30 | 1550 | (fuel adj cell) and (bipolar adj plate) and (method process) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:10 |
| S31 | 38 | ((bipolar adj plate) and (method process)).ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:12 |
| S32 | 29 | ((bipolar adj plate) and (method process)).ti. and (graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:12 |
| S33 | 27 | ((bipolar adj plate) and (method process)).ti. and (graphite) and (grooves channels) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:12 |
| S34 | 4009 | ((264/69,70,154,155,156,293)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/30 13:21 |
| S35 | 145 | S34 and (graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:21 |
| S36 | 12 | ("4676515" "4705278" "4752518" "4988583" "5180459" "5226662" "5300370" "5527363" "5795518" "5885728" "6092811").PN. OR ("6649102").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:44 |

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| S37 | 31 | ("3404061" "4190257" "4226821" "4826181" "4895713" "4988583" "5108849" "5176863" "5225262" "5225379" "5228701" "5300370" "5494506" "5531454" "5683778").PN. OR ("5885728").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:55 |
| S38 | 25 | ("2653889" "3404061" "4534922").PN. OR ("4752518").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 13:57 |
| S39 | 13 | ("2978376" "3607600" "3704194" "3787546" "4131664" "4696711" "4942012" "5242652").PN. OR ("6451241").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:28 |
| S40 | 1399 | ((425/299,290,291,301)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/30 14:30 |
| S41 | 7415 | ((429/34,44,35,32,36,38,19,13)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/03/30 14:30 |
| S42 | 8814 | S40 S41 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:31 |
| S43 | 1938 | S42 and (graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:31 |
| S44 | 622 | S43 and (stamp\$3 needle perforat\$4 emboss\$4 indent\$5 punch\$3 oscillat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 15:34 |
| S45 | 577 | S43 and (stamp\$3 needle perforat\$4 indent\$5 punch\$3 oscillat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:33 |
| S46 | 274 | S43 and (stamp\$3 needle) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:45 |
| S47 | 10 | S43 and (stamp\$3 and needle) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:36 |
| S48 | 74 | S43 and (needle) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:36 |
| S49 | 64 | S48 not S47 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:42 |

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| S50 | 2906 | (bipolar near2 plate) or (flow near2 field near plate) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:43 |
| S51 | 837 | ((bipolar near2 plate) or (flow near2 field near plate)) same (graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:45 |
| S52 | 714 | ((bipolar near2 plate) or (flow near2 field near plate)) same (graphite) and (emboss\$5 indent\$5 stamp\$3 punch\$3 channel) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:44 |
| S53 | 700 | S52 not S48 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:45 |
| S54 | 4 | ("5521018" "5527363" "5804116" "6649102").PN. OR ("6818165").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 14:59 |
| S55 | 15 | ("1545384" "2974098" "3855104" "4376690" "4608144" "4613414" "4622111").PN. OR ("4707239").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 15:25 |
| S56 | 674 | S42 and (reciproc\$5 emboss\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 15:35 |
| S57 | 662 | S56 not S48 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 15:35 |
| S58 | 598 | S56 not S53 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 15:35 |
| S59 | 30 | ("2779973" "3186628" "3379814" "3392219" "3500727" "3647599" "3650454" "3687787" "3909582" "3953056" "4179252" "4217085" "4229407" "4249986" "4349986" "4534819" "4539793" "4589194" "4713132" "4778058" "4781296").PN. OR ("5202065").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 16:19 |
| S60 | 1982 | (ultrasonic near2 (tip needle)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 16:19 |
| S61 | 80 | (ultrasonic near2 (tip needle)) and (graphite) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 16:31 |
| S62 | 6 | ("5318420" "4596171" "4373412" "3495492" "4816018").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 16:31 |

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| S63 | 18 | ("3866642" "4132519" "4227959" "4426244" "4518551" "4567797" "4596171" "4654969" "4670210" "4733997" "4922774" "5015223").PN. OR ("5318420").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 16:33 |
| S64 | 16 | ("2384435" "3614484" "3730634" "4201101" "4373412").PN. OR ("4596171"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 16:34 |
| S65 | 35 | ("2109889" "2378033" "2538972" "2683489" "3470782" "3496817" "3726165" "3772949" "3776072" "3872786" "3893881").PN. OR ("4373412"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 16:36 |